Instructions for Attachment WS Hazardous Waste Stream Report

Below are instructions for completing the Hazardous Waste Stream and Annual Report form. For new waste streams, complete items 1- 2 on the blank forms and mail to the Division within 90 days of starting generation. Notify the Division within 30 days of significant changes after original notification. For previously notified wastes, review the data on the computer generated forms and mark any changes. The Annual Report portion of the form consists of items 3-6. The Superfund report portion of the form consists of item 7. If you need extra copies, please photocopy the enclosed blank form before writing on it. Complete a separate Hazardous Waste Stream Report for each individual hazardous waste stream currently generated at the site. Rule 1200-1-11-.03(1)(b) gives the procedure to determine if a waste is regulated as hazardous.

Item 1: Hazardous Waste Information

1a - Waste name

Name the waste using a specific, standard name if possible. See Rule 1200-1-11-.02(4) for wastes listed by name. Waste Stream Number - Number in order each waste stream beginning at one (1). If you are notifying on additional waste streams for the first time, start with the number following the last waste stream previously reported. The number assigned should be used in all further correspondence about this waste stream.

1b - Describe Generation Process 1b(1) - Lookup G Source Code from list

Briefly describe how the hazardous waste is generated. This description may aid in assigning the specific hazardous waste name and EPA waste code(s) on item 1h. If extra space is needed, use the Generator Comments on the back of this form.

1c - Volume to Weight Conversion

Choose one of the following units of measurement kilograms or pounds. Use the same unit on all other attachments. If you do not know how to convert from volume units to weight units, enter the volume to weight conversion factor. For example, if your unit of measure is originally in gallons, give a conversion factor in pounds per gallon. Conversion of gallons to pounds: (gallons x pounds per gallon conversion factor) = pounds Conversion of pounds to kilograms: (pounds divided by 2.2046) = kilograms.

1d - Annual Frequency of Generation

Check the generation frequency during a year based on whether the waste is generated continuously, at various times during the year, or accidentally or other one time.

1e - Waste Stream Status

Check the waste stream status during the year based on whether the waste is active, closed or re-activated. If the waste stream is closed, you must put a stop generation date in item 1g or the waste stream will not be closed.

1f - Hazard Criteria

Check one or more characteristics of the waste as appropriate to identify its hazards according to Rule 1200-1-11-.02(3) and (4).

1g - Generation Dates

Give the beginning generation date (mm/dd/yy, the date that the facility begins to generate this waste at this site. If the waste is no longer generated, give the stop generation date (mm/dd/yy).

1h - EPA Waste Codes

Supply the EPA waste codes as determined in Rule 1200-1- 11-.02. In the case of mixtures, list the codes in descending order of concentration. While it is difficult at times to determine the correct and most specific EPA waste codes, this is an important task.

1i - TN/RCRA Radioactive Mixed Waste

Is the waste a mixed radioactive waste?

1j - Monthly Maximum

This is the maximum amount of waste that you would produce in any one month. This cannot be zero.

1k- pH

Indicate the pH for any corrosive waste.

1l- Flash Point

List the flash point (°F) for any ignitable waste.

1m- BTU Per Pound

If the waste is burned for energy recovery; supply the British Thermal Units (BTU) of the waste.

1n- Reactive Codes

List the reactive code for any wastes that may react as follows:

1. Potentially releases hydrogen cyanide gas
2. Potentially releases hydrogen sulfide
3. Reacts violently with water
4. Thermally unstable or shock sensitive
5. A DOT forbidden explosive
6. A Class A or B DOT explosive
7. Reactive by presence of strong oxidants
8. Reactive by presence of strong reductants
9. Reactive by other RCRA criteria or other test/criteria.

1o – Waste Form Code

Select a form code from those given on the Form Codes List.

1p - NAICS Code North American Industry Classification System. It has officially replaced the decades old Standard Industrial Classification (SIC) system.

Enter the NAICS code that best represents the end products or services for which this waste was generated.

1q- DOT Shipping Name

Give the name required by DOT to be placed on manifests when the waste is shipped offsite.

1r- DOT Hazard Class Enter the DOT hazard class code from the following:

1. Explosive materials
2. Gases
3. Flammable and combustible liquids
4. Flammable solids and spontaneously combustible liquids
5. Oxidizers and organic peroxides
6. Poison liquids and solids and substances
7. Radioactive materials
8. Corrosive material
9. Miscellaneous hazardous materials
10. Other regulated materials (ORM-D)

1s- ID Code

as defined by U. S. Department of Transportation Regulations.

2a-d - Hazardous Waste Constituent Information

List the hazardous constituents in the waste and the lower and upper limits of the concentration. Record the units for the range of concentration by checking the appropriate column (percent by volume, percent by weight or parts per million (PPM)). For TCLP wastes, use PPM. If the EPA waste codes for this waste stream are F001-F005, specify the constituents before use and concentration in percentages. If there is a single, precise concentration, supply that information in the "lower" column.

**** Annual Generation and Handling Data. To be completed by all generators.****

Item 3: For blocks A to D, use the following formula: 3a + 3b –3c = 3d.

3a - Amount Generated During Year

Accurately report the amount in kilograms or pounds of hazardous waste generated for this waste stream. Enter zero if no hazardous waste was generated during the reported year.

3b - Amount onsite - January 1

Report the amount in kilograms or pounds of hazardous waste in the temporary storage or accumulation area(s) on January 1 of the report year.

3c - Amount onsite - December 31

Report the amount in kilograms or pounds of hazardous waste in the temporary storage or accumulation area(s) on December 31 of the report year.

3d - Amount handled

The amount handled which should be equal to the following equations: 3a + 3b – 3c = 3d and also 3d = 4a + 5a + 5b + 5c + 5d .

Item 4 – Offsite Shipping

4a – Total Shipped Offsite

Report the total amount shipped offsite, which should match the amount reported shipped offsite on the Offsite Shipping Report Form.

4b – Treatment, Storage, and Disposal Codes (Use State Codes from List)

Enter one or more of the TSDR handling Codes/Waste Management Method Codes, which most closely represent the techniques you used to handle the waste through final disposition in the year reported. Enter the codes in order of the handling of the waste ending with the code, which represents final disposition.

4c – EPA Management Method Code

Enter the Management Method Code that best represents the techniques you used to handle the waste through final disposition.

Item 5 – Onsite Handling and Associated Waste Management

5a - 5d - For onsite handling, use up to four blocks to represent different sets of handling procedures if necessary. TSDRs who placed hazardous wastes in permitted storage in previous years and who rehandled that waste onsite this year should report the rehandling on the TSDR Permitted Activity Report and not on this form.

Item 6 – Hazardous Waste Reduction

(REMOVED)

Item 7 - Superfund Excluded Waste

(REMOVED)

Item 8 - Facility Comments

Use this space to more fully explain any item above.

Resources / Contacts

For questions concerning this report, the regulations or your status as a generator, call the Division of Solid Waste Management. Tennessee calls only, use the toll free 800 number.
For technical assistance in writing a waste reduction plan, in evaluating your waste reduction opportunities or concerning state of the art equipment or processes, call the University of Tennessee, Center for Industrial Services at (615) 532-8657. Or, write using address: Suite 606, 226 Capitol Boulevard Building, Nashville, TN 37219-1804